



Samsara Shipment Visibility

TL11 DATASHEET



OVERVIEW

Samsara Shipment Visibility provides continuous shipment tracking from origin to destination, powered by the Samsara Network. It includes the Samsara Shipment App, Shipment Center experience in dashboard, and the Tracking Label (TL11). The Tracking Label is a flexible, printable, disposable tracking device purpose built for one way shipment visibility. Tracking Labels have a 9 month shelf life and provide 45 days of near real time shipment visibility powered by the Samsara Network.

Tracking Labels work in conjunction with Shipment App and AI powered Shipment Center. Together, they enable proactive management of critical shipments. Shipment Center automatically stops tracking Labels when delivered. Labels don't contain any hazardous materials or lithium making them safe for disposal anywhere. AI powered exceptions interface with Samsara's Agent Studio and Automations framework.

HIGHLIGHTS

- **Samsara Network:** Industry's leading network. Approximate BLE location updates via Samsara's network of gateways, phones, and warehouse scanners.
- **Easy installation:** Discrete "slap and track" mounting on standard packaging materials including cardboard, plywood, and plastics.
- **Shipment App:** Activate Tracking Labels and link them to existing shipment IDs including carrier tracking numbers, license plate barcodes, and BOL numbers using Samsara's Shipment App on iOS or Android devices.
- **Shipment Center:** AI Powered Shipment Center, in the Samsara Dashboard, enables teams to manage shipments by exception changing the paradigm from reactive to proactive.
- **ERP Integrations:** Easy to integrate with existing Warehouse Management Systems and other systems of record.
- **AI Platform:** Unlocks a wide array of customizable automations, agents, alerts, reports, APIs, and more as part of Samsara's Connected Operations Platform.
- **Optional Printer Integration:** Optionally print on labels and integrate printer into warehouse flows.

Technical Specifications

CONNECTIVITY

Data Communications: 2.4GHz ISM Band

Output power: 2dBm

Operating area: United States, Canada, UK, Mexico, Europe

Secure Communications: All communications are anonymized and authenticated using AES encryption

LOCATION

Approximate geolocation is based on the GPS location of nearby gateways in the Samsara network that detect the Tracking Label 2.4 GHz advertisements.

POWER

Tracking Labels are powered by an internal Zinc battery that is designed to last 45 days after activation under nominal conditions. The battery is not replaceable and Tracking Labels are single use disposable devices. Actual battery life may be reduced by extreme temperatures.

Rating: 3V, 0.1A max

ENCLOSURE

- Paper, PET, and adhesive backed label.
- Dimensions 102 x 49 x .56 mm
- Weight <1 g
- Operating Temperature -10°C to 55°C
- IP 61 Rating (protected against dust and light rain)

SAMSARA CLOUD SOFTWARE FEATURES

- Near real time visibility powered by the Samsara Network
- Developer APIs
- Shipment Center
- AI Assistant and Integrations
- Agent Studio and Automations
- Shipment off-corridor alerts and anomaly detection

INSTALL ACCESSORIES

What's Included

100x or 1000x shipment labels depending on SKU ordered.

Regulatory Information

IC STATEMENT

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with Innovation, Science and Economic Development Canada RF exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated to ensure a minimum of 20 cm spacing to any person at all times. CAN ICES-3(A)/NMB-3(A)

IC Radiation Exposure Statement: This equipment complies with Canada radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

FEDERAL COMMUNICATION COMMISSION INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.